

AUTOMATIC CONFIRMATION OF PERSONAL NOTIFICATIONS

Abstract

5 An automated system obtains a confirmation of receipt of a notification by the
intended recipient by having the recipient speak all or part of the notification. The words
spoken by the recipient are determined by a computerized system using an automatic
speech recognition algorithm. The computerized system determines whether the words
spoken are those of the notification, and if they are, the system accepts the confirmation
from the recipient. Optionally, the system additionally applies an automatic speaker
10 recognition algorithm to determine whether the person reciting the notification has
similar voice characteristics to the intended recipient based on a previous enrollment of
the intended recipient's voice. The system can also record the recipient reciting the
notification so that it can later be compared to the intended recipient's voice if the
intended recipient repudiates the confirmation.

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